



J. Doyle
#11/B
1-501

1 TO: Honorable Commissioner of Patents
2 Washington, District of Columbia 20031

3 RE: Owens Application No. 09/053,832
4 Attn: Examiner C. Goodman Art Group 3724

5 Comes now the applicant, William Owens, by and through his
6 attorney of record, James F. Leggett and respectfully responds to
7 the Notice of Non-Responsive Amendment mailed 12/05/00. Applicant
8 appreciates Examiner Goodman's assistance in formulating this
9 Reply. This Reply is intended to satisfy all objections of the
10 Examiner and applicant requests that objections to form and
11 procedure be deferred until patentable subject matter is determined
12 pursuant to 37 C.F.R. 1.111(b). Further, applicant certifies that
13 there is no new matter injected into the specification or the
14 claims by the amendments thereto contained in this Reply, in
15 accordance with 37 C.F.R. 1.121 & 1.125. Please make the
16 amendments, deletions and additions to the specification set forth
17 below and should a typographical or technical error exist, the
18 Examiner is authorized to make an informal examiner's amendment
19 thereto so as to put the Application in proper form for
consideration:

20 B1 Page 3 line 22 after "belt (30)," insert --extending a
21 distance from the bottom surface (29) and having sufficient width
22 to engage a 'V' groove (31) in a feed roller--.

23 B2 Page 3 line 23 delete "their lengths." after "...parallel to"
24 and replace with --and stretching the entire length of the belts.--

25 B3 Delete the paragraph beginning at Page 3 line 24 and ending at
26 Page 4 line 5 and replace it with the following amended paragraph:

27 The one continuous drive conveyor belt (10) travels
28 around an inside feed roller (42) on the input side and a feed

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1 roller (8) at the input end (50) and the other continuous
2 drive conveyor belt (41) travels around an inside feed roller
3 (43) on the output side and a feed roller (34) at the output
4 end (51). The distance from the respective inside feed
5 rollers (42, 43) and feed rollers (8, 34) being adjustable at
6 the feed roller mount (9, 16) so as to maintain proper tension
7 on the continuous drive conveyor belt so that it does not slip
8 on the rollers.

9 Delete the paragraph beginning at Page 4 line 6 and ending at
10 Page 4 line 17 and replace it with the following amended paragraph:

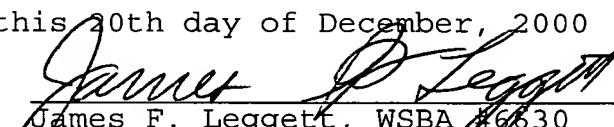
11 With reference to Figures 4, 5, and 6, it is shown said
12 rollers (8, 34, 42, 43) are provided with one or more 'V'
13 grooves (31) to accept the guide 'V' belt (30), as is the feed
14 bed (32) provided with one or more 'V' grooves (33) to accept
15 the guide 'V' belt (30) bonded to the bottom surface (29) of
16 the continuous drive conveyor belt (10, 41) so that the
17 continuous drive conveyor belt remains in constant horizontal
18 relationship to the feed rollers and the circular saw
19 blades(s) (23, 24) or shaping tool(s) (46). The speed of the
20 input continuous drive conveyor belt (10) is matched with the
21 speed of the output continuous drive conveyor belt (41) by
22 means of a timing belt (15) between the powered shaft (13) of
23 the inside feed roller (43) on the output side, powered by a
24 feed roller drive motor (21), to the slaved shaft (14) of the
25 inside feed roller (42) on the input side, while the feed
26 roller (8) at the input end (50) and the feed roller (34) at
27 the output end (51) are turned by the continuous drive
28 conveyor belts. Thus all feed rollers have the same operating

1 B4 revolutions per minute (RPM).

2 Delete the paragraph beginning at Page 5 line 3 and ending at
3 Page 5 line 15 and replace it with the following amended paragraph:

4 With reference to Figures 1 and 3, it is shown that once
5 a wooden board (44) or other flat, rigid, cuttable piece of
6 material, having a length greater than its width, enters the
7 Feedworks Device (1) on the input continuous drive conveyor
8 belt (10) over the feed roller (8) at the input end (50). it
9 is held in a fixed horizontal relationship to the circular saw
10 blade(s) (23, 24) or shaping tool(s) (46) by the non-skid top
11 surface (28) of the input continuous drive conveyor belt (10)
12 and a holddown roller (11) at the input end (50) and an inside
13 holddown roller (22) on the input side, said holddown rollers
14 having a non-marring surface and applying pressure to the top
15 of the wooden board (44) by means of a spring or pneumatic
16 cylinder loaded arm (12, 45), while the Feedworks Device (1)
17 has a similar output continuous drive conveyor belt (41) with
18 an inside hold down roller (17) on the output side and a hold
19 down roller (19) at the output end (51), applying sufficient
20 pressure to the top of the sawn pieces of the wooden board
21 (44) by means of a spring or pneumatic cylinder loaded arm
22 (12, 18, 20, 45), so that the wooden board (44) being cut
23 maintains a constant orientation to the saw blade (23, 24) or
24 shaping means.

25 RESPECTFULLY SUBMITTED this 20th day of December, 2000

26 

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